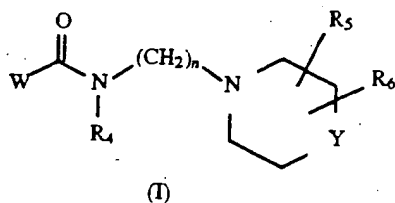


AMENDMENTS TO THE CLAIMS:

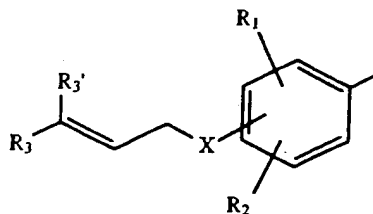
This listing of claims will replace all prior versions and listings of claims in the application:

1. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof expressed by the following formula 1:

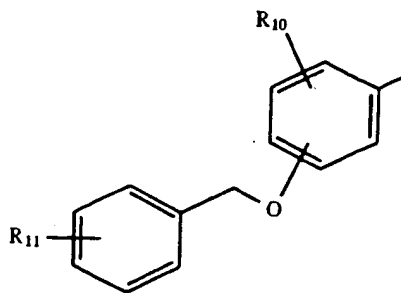


formula 1

wherein W represents a group expressed by the following formula 2 or formula 3;



formula 2



formula 3

wherein each of R<sub>1</sub> and R<sub>2</sub> represents hydrogen atom, a lower alkoxy group, and alkenyloxy group, or a halogen atom;

each of  $R_3$  and  $R_3'$  represents methyl group, prenyl- $\text{CH}_2$  group, or geranyl- $\text{CH}_2$  group and when one of  $R_3$  and  $R_3'$  is prenyl- $\text{CH}_2$  group or geranyl- $\text{CH}_2$  group, another is methyl group;

X represents oxygen atom or sulfur atom;

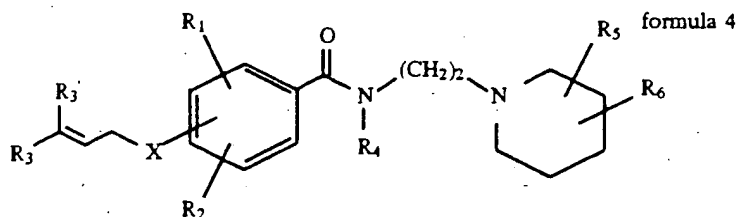
$R_{10}$  represents a lower alkyl group; and

$R_{11}$  represents a halogen atom; and wherein each of  $R_4$ ,  $R_5$ , and  $R_6$  represents hydrogen atom or a lower alkyl group;

Y represents a group expressed by  $-\text{CH}_2-$ ,  $-\text{O}-$ , or  $-\text{N}(\text{R}_7)-$ , while  $\text{R}_7$  represents a lower alkyl group, an aryl group, a carbamoyl lower alkyl group, an aralkyl group, or a heterocyclic group having 5 to 9 members; and

n represents an integer of 1 to 6.

2. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 1, which expressed by the following formula 4,

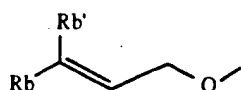


wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_3'$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , and X are same as those in the above-mentioned formula 1.

3. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 2, wherein X is oxygen atom, while  $R_4$ , and  $R_5$ , and  $R_6$  are hydrogen atoms.

4. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 3, wherein  $R_1$  and  $R_2$  are hydrogen atoms.

5. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 3, wherein  $R_1$  and/or  $R_2$  is an alkenyloxy group expressed by the following formula 5;

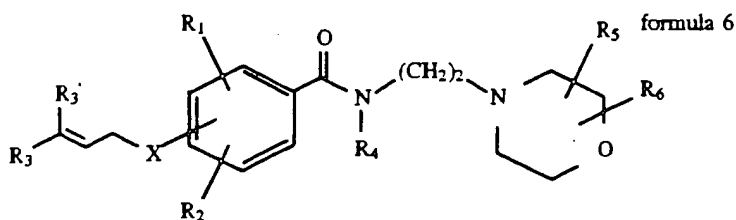


formula 5

Wherein each of  $R_b$  and  $R_b'$  represents methyl group, prenyl- $CH_2$  group, or geranyl- $CH_2$  group and when one of  $R_b$  and  $R_b'$  is prenyl- $CH_2$  group or geranyl- $CH_2$  group, another is methyl group.

6. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 3, wherein  $R_1$  and/or  $R_2$  is a lower alkoxy group.

7. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 1, which expressed by the following formula 6,



wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_3'$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , and  $X$  are same as those in the above-mentioned formula 1.

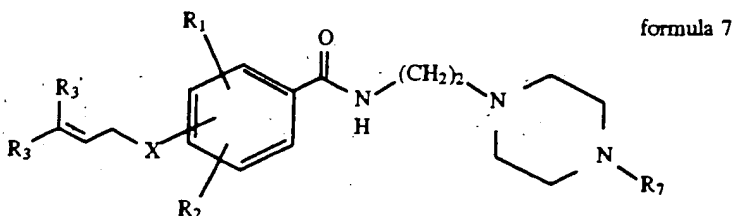
8. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 7, wherein  $X$  is oxygen atom, while  $R_4$ ,  $R_5$ , and  $R_6$  are hydrogen atoms.

9. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 8, wherein  $R_1$  and  $R_2$  are hydrogen atoms.

10. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 8, wherein  $R_1$  and/or  $R_2$  is an alkenyloxy group expressed by the above-mentioned formula 5.

11. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 8, wherein  $R_1$  and/or  $R_2$  is a lower alkoxy group.

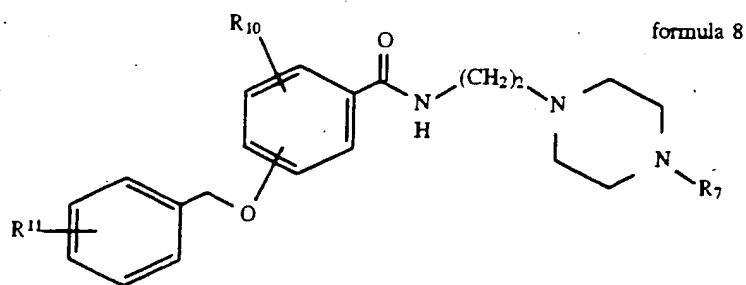
12. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 1, which expressed by the following formula 7:



wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_3'$ ,  $R_7$ , and  $X$  are same as those in above-mentioned formula 1.

13. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 12, wherein  $X$  is oxygen atom, while  $R_1$  and  $R_2$  are hydrogen atoms.

14. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 1, which expressed by the following formula 8;



wherein  $R_7$  is a lower alkyl group; and  $R_{10}$  and  $R_{11}$  are same as those in the above-mentioned formula 3.

15. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 14, wherein  $R_7$  and  $R_{10}$  are isobutyl groups.

16. (currently amended) An alkylenediamine ~~derivative~~ compound or a salt thereof according to claim 14 or 15, wherein  $R_{11}$  is fluorine atom bonded to para-position.

17. (currently amended) An anti-ulcer drug comprising, as an ~~effective ingredient~~ active ingredient in a therapeutic effective amount of an alkylenediamine ~~derivative~~ compound or a pharmacologically acceptable salt thereof according to claim 1, together with a pharmaceutically acceptable carrier and/or adjuvant.

18. (currently amended) An antibacterial drug for use against *Helicobacter pylori* comprising, as an ~~effective ingredient~~, active ingredient in a therapeutic effective amount of, an alkylenediamine ~~derivative~~ compound or a pharmacologically acceptable salt thereof according to claim 1, together with a pharmaceutically acceptable carrier and/or adjuvant.

19. (original) A method for the treatment of peptic ulcers in man or mammals, which comprises administering an effective amount of an alkylenediamine ~~derivative~~ compound or a pharmacologically acceptable salt thereof according to claim 1 to a host.

20. (original) A method according to claim 19, wherein said peptic ulcers are gastric ulcers in man.

21. (original) A method for the inhibition of acid secretion in stomach of man or mammals, which comprises administering an effective amount of an alkylenediamine ~~derivative~~ compound or a pharmacologically acceptable salt thereof according to claim 1 to a host.

22. (original) A method for the inhibition of growth of *Helicobacter pylori* in stomach of man or mammals, which comprises administering an effective amount of an alkylenediamine ~~derivative~~ compound or a

pharmacologically acceptable salt thereof according to claim 1 to a host.

23. (currently amended) A method for the **prevention treatment** of *Helicobacter pylori* induced peptic ulcers in man or mammals, which comprises administering an effective amount of an alkylenediamine **derivative compound** or a pharmacologically acceptable salt thereof according to claim 1 to a host.

24. (currently amended) A method according to claim 23, wherein in said *Helicobacter pylori* induced peptic ulcers are gastric ulcers in man.

25. (currently amended) An alkylenediamine **derivative compound** or a salt thereof according to claim 14, wherein  $R_{10}$  and  $-O-(CH_2)-C_6H_4-R_{11}$  are at positions 3 and 4 of the benzene ring.

26. (currently amended) An alkylenediamine **derivative compound** or a salt thereof having the following formula:

